Quiz 2

Business Mathematics

7th February 2006

Time: 1 hours (10–11pm)

1. Evaluate the following integrals. [10]

$$\int_0^1 \pi \, dx, \qquad \int_0^2 \left(x^2 - 3\right) \, dx, \qquad \int_{-1}^1 \frac{1}{z} \, dz, \qquad \int_0^2 \left(x^2 + \sqrt{x}\right) \, dx, \qquad \int_0^1 xe^x \, dx$$